

WHAT IS CLAIMED IS:

1. An electronic apparatus comprising:

a radio communication unit configured to carry out radio communications with external apparatus;

5 a monitoring unit configured to monitor quality of radio communications carried out by the radio communication unit; and

a control unit configured to control dispatch power for radio communications carried out by the radio communication unit on the basis of results of the monitoring executed by the monitoring unit.

2. The electronic apparatus according to claim 1, wherein the monitoring unit monitors the communication quality on the basis of throughput.

15 3. The electronic apparatus according to claim 1, wherein the monitoring unit calculates the throughput using a bit error rate (BER).

4. The electronic apparatus according to claim 1, wherein the monitoring unit monitors the communication quality on the basis of reception sensitivity.

20 5. The electronic apparatus according to claim 4, wherein the monitoring unit calculates the reception sensitivity using a signal-to-noise ratio (SNR).

6. The electronic apparatus according to claim 1, wherein the monitoring unit reduces the dispatch power, if the communication quality is high compared to a predetermined threshold.

7. An electronic apparatus having a radio communication function that carries out radio communications with an external apparatus, the electronic apparatus comprising:

5 a monitoring unit configured to monitor quality of radio communications carried out by the radio communication function; and

 a control unit configured to transmit control data instructing the external apparatus to change dispatch
10 power for the radio communication on the basis of results of the monitoring executed by the monitoring unit.

8. An electronic apparatus that can be operated using a commercial power source and a secondary
15 battery, the electronic apparatus comprising:

 a radio communication unit configured to carry out radio communications with external apparatus;

 a determining unit configured to determine whether the external apparatus is operated using the commercial
20 power source or the secondary battery;

 a monitoring unit configured to monitor quality of radio communications carried out by the radio communication unit, if the determining unit determines that the external apparatus is operated using the
25 secondary battery; and

 a control unit configured to control dispatch power for radio communications which is outputted by

the radio communication unit, on the basis of results of the monitoring executed by the monitoring unit.

9. The electronic apparatus according to claim 8, wherein the control unit reduces the dispatch power if
5 the communication quality is high compared to a predetermined threshold.

10. The electronic apparatus according to claim 8, wherein the control unit increases the dispatch power if the communication quality is low compared to
10 a predetermined threshold.

11. A radio communication apparatus applied to electronic apparatus, the radio communication apparatus comprising:

a monitoring unit configured to monitor a radio
15 communication being executed for its quality; and

a control unit configured to control dispatch power for the radio communication on the basis of results of the monitoring executed by the monitoring unit.

20 12. The radio communication apparatus according to claim 11, wherein the monitoring unit monitors the communication quality on the basis of throughput.

13. The radio communication apparatus according to claim 12, wherein the monitoring unit calculates the
25 throughput using a bit error rate (BER).

14. The radio communication apparatus according to claim 11, wherein the monitoring unit monitors the

communication quality on the basis of reception sensitivity.

15. The radio communication apparatus according to claim 14, wherein the monitoring unit calculates the reception sensitivity using a signal-to-noise ratio (SNR).

16. A radio communication apparatus applied to electronic apparatus, the radio communication apparatus comprising:

10 a monitoring unit configured to monitor a radio communication being executed with an external apparatus for its quality; and

a control unit configured to transmit control data instructing the external apparatus to change dispatch power for the radio communication on the basis of results of the monitoring executed by the monitoring unit.

17. A method of controlling dispatch power for radio communications, the method comprising:

20 monitoring a radio communication being executed for its quality; and

controlling dispatch power for the radio communication on the basis of results of the monitoring.

25 18. A method of controlling dispatch power required by electronic apparatus having radio communication function, the method comprising:

determining whether the external apparatus is operated using a commercial power source or a secondary battery;

5 monitoring quality of radio communications carried out by the radio communication function, if the determining determines that the external apparatus is operated using the secondary battery; and

10 controlling dispatch power for radio communications which is outputted by the radio communication function, on the basis of results of the monitoring.